

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030504.D
 Acq On : 10 Oct 2024 12:41
 Operator : SY/MD
 Sample : P4346-03
 Misc : 3.70g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 11 01:21:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 01:19:48 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	85284	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	34763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	6889	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	172459	128.649	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	514.600%#	
7) Chloroethane-d5	2.899	69	132873	130.944	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	523.760%#	
11) 1,1-Dichloroethene-d2	4.021	65	66927	120.035	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	480.120%#	
21) 2-Butanone-d5	7.075	46	77570	321.539	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	643.080%#	
24) Chloroform-d	7.648	84	292612	119.975	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	479.880%#	
26) 1,2-Dichloroethane-d4	8.489	65	75	0.059	ug/L	0.18
Spiked Amount	25.000	Range 70 - 130	Recovery	=	0.240%#	
32) Benzene-d6	8.276	84	553786	274.472	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	1097.880%#	
36) 1,2-Dichloropropane-d6	9.270	67	168805	285.049	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	1140.200%#	
41) Toluene-d8	10.324	98	477842	259.432	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	1037.720%#	
43) trans-1,3-Dichloroprop...	10.574	79	70978	286.232	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	1144.920%#	
47) 2-Hexanone-d5	10.922	63	61265	803.217	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	1606.440%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132560	304.800	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	1219.200%#	
66) 1,2-Dichlorobenzene-d4	13.854	152	123687	530.629	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	2122.520%#	
Target Compounds						
					Qvalue	
13) Acetone	4.124	43	9714	27.504	ug/L	99
15) Methyl Acetate	4.685	43	125	0.287	ug/L #	51
22) 2-Butanone	7.148	43	1157	3.039	ug/L	100
33) Benzene	8.276	78	5013	2.216	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	627	2.310	ug/L #	88
44) trans-1,3-Dichloropropene	10.696	75	666	0.930	ug/L	90
48) 2-Hexanone	10.922	43	8269	37.253	ug/L #	63
51) Chlorobenzene	11.647	112	558	0.359	ug/L #	53
54) o-Xylene	12.165	106	319	0.334	ug/L	82
60) Isopropylbenzene	12.470	105	343	0.322	ug/L #	36
61) 1,2,3-Trichloropropane	12.769	75	130	0.970	ug/L #	50
62) 1,3,5-Trimethylbenzene	13.245	105	741	0.880	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	741	0.899	ug/L	90
64) 1,3-Dichlorobenzene	13.494	146	543	1.169	ug/L #	64
65) 1,4-Dichlorobenzene	13.580	146	1235	2.576	ug/L #	84
67) 1,2-Dichlorobenzene	13.854	146	405	0.991	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.622	180	128	0.418	ug/L #	44
70) 1,2,4-trichlorobenzene	15.134	180	719	2.917	ug/L	95
71) Naphthalene	15.360	128	3483	8.178	ug/L #	94

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Quant Title : SFAM01.0
QLast Update : Fri Oct 11 01:19:48 2024
Response via : Initial Calibration

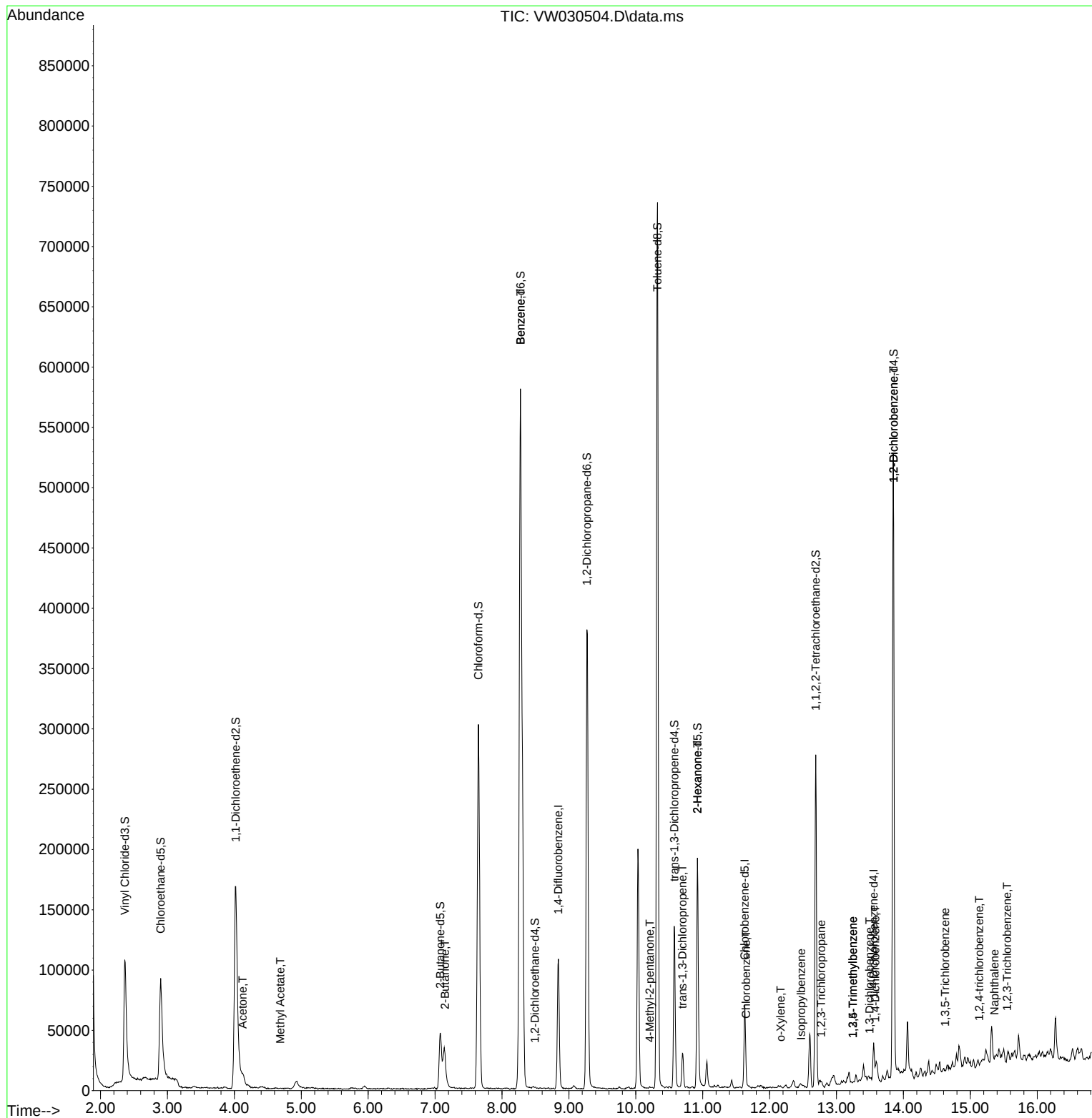
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	15.549	180	175	0.819	ug/L #	2

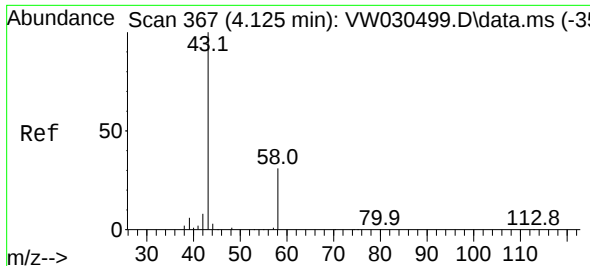
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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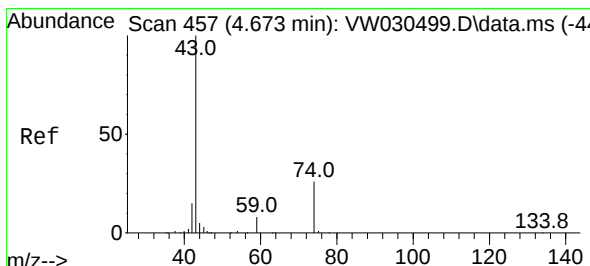
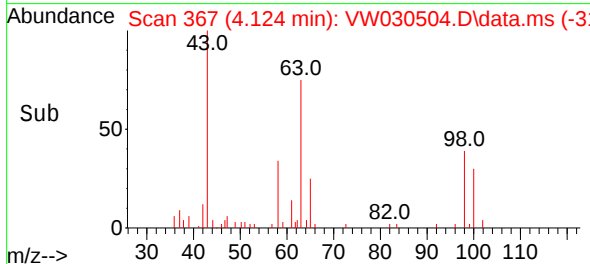
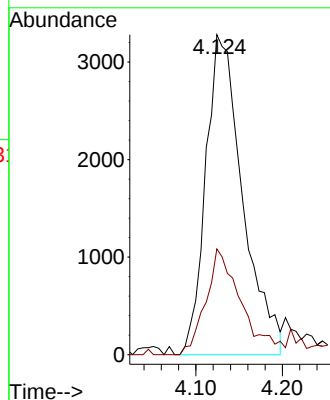
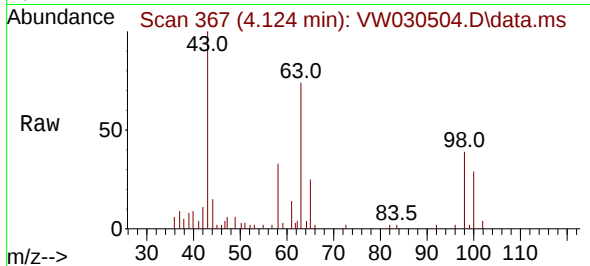




#13
Acetone
Concen: 27.504 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW030504.D
Acq: 10 Oct 2024 12:41

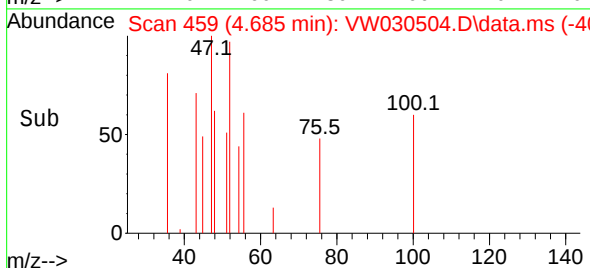
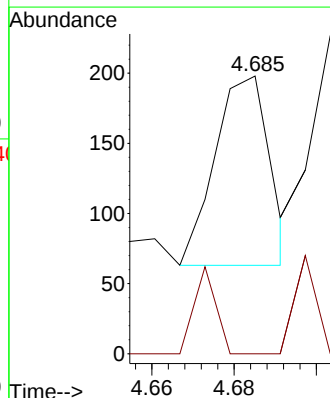
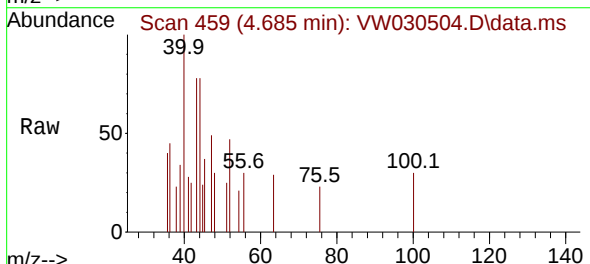
Instrument :
MSVOA_W
ClientSampleId :

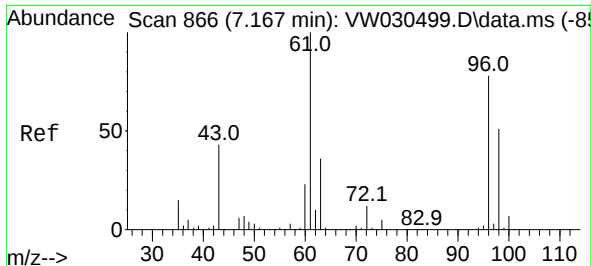
Tgt Ion: 43 Resp: 9714
Ion Ratio Lower Upper
43 100
58 28.3 0.0 57.6



#15
Methyl Acetate
Concen: 0.287 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.012 min
Lab File: VW030504.D
Acq: 10 Oct 2024 12:41

Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#





#22

2-Butanone

Concen: 3.039 ug/L

RT: 7.148 min Scan# 8

Delta R.T. -0.019 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

Instrument :

MSVOA_W

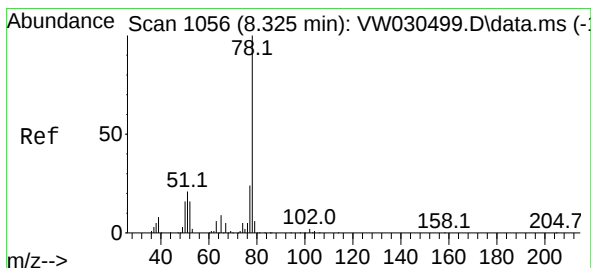
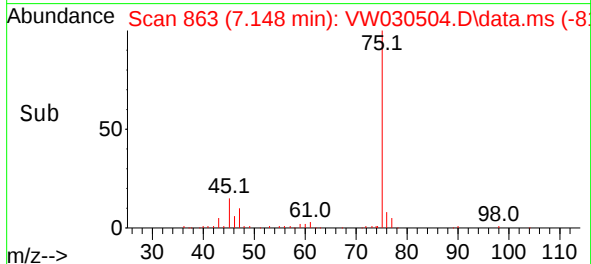
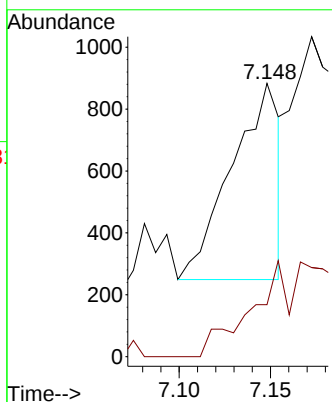
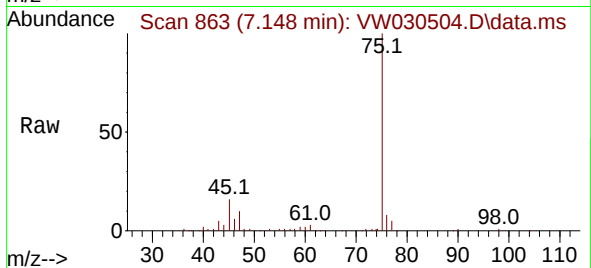
ClientSampleId :

Tgt Ion: 43 Resp: 1157

Ion Ratio Lower Upper

43 100

72 29.0 14.4 43.0



#33

Benzene

Concen: 2.216 ug/L

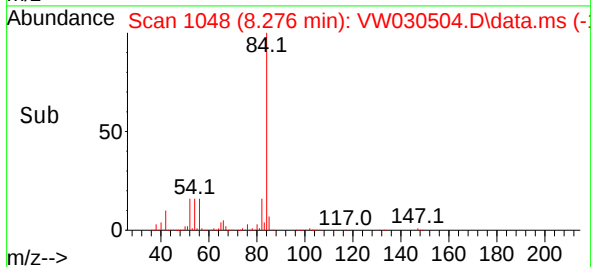
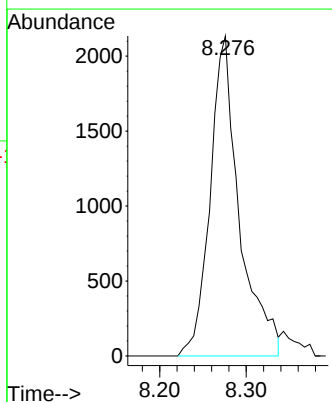
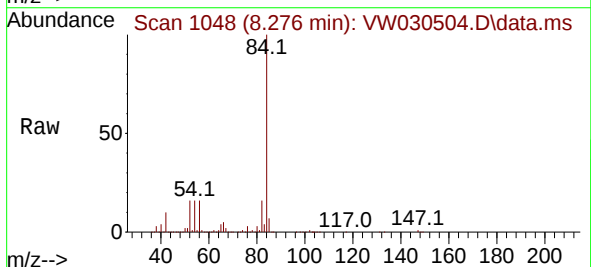
RT: 8.276 min Scan# 1048

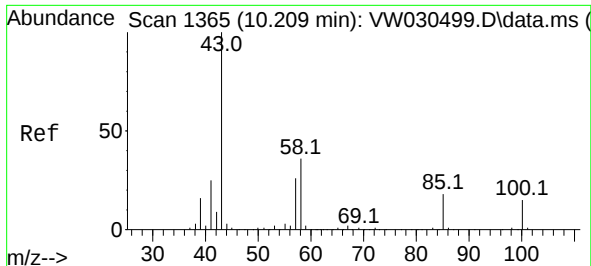
Delta R.T. -0.049 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

Tgt Ion: 78 Resp: 5013





#40

4-Methyl-2-pentanone

Concen: 2.310 ug/L

RT: 10.208 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

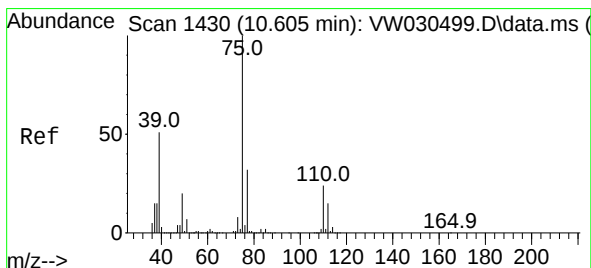
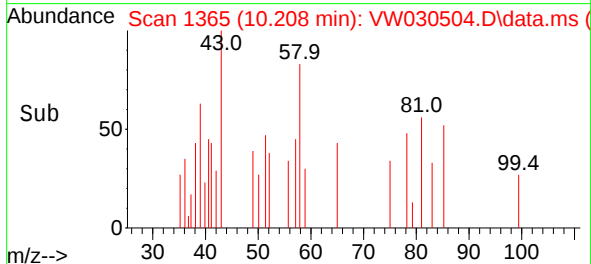
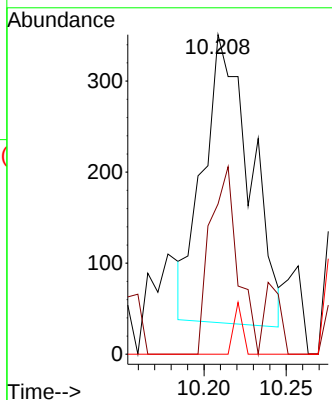
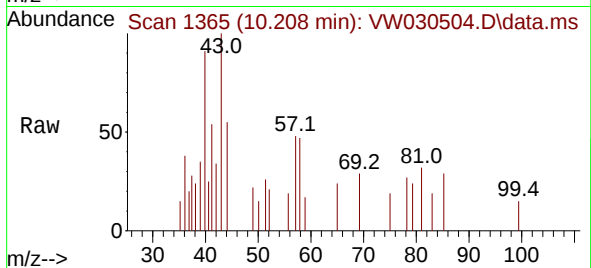
Tgt Ion: 43 Resp: 627

Ion Ratio Lower Upper

43 100

58 38.4 31.4 47.2

100 0.0 13.1 19.7#



#44

trans-1,3-Dichloropropene

Concen: 0.930 ug/L

RT: 10.696 min Scan# 1445

Delta R.T. 0.091 min

Lab File: VW030504.D

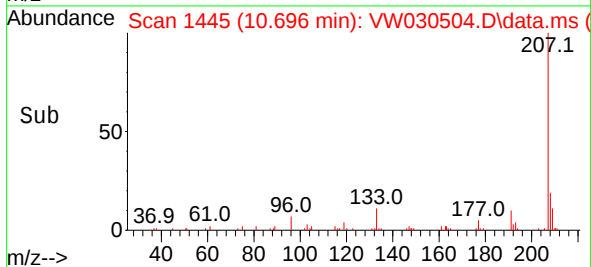
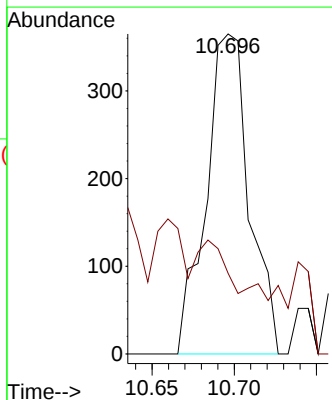
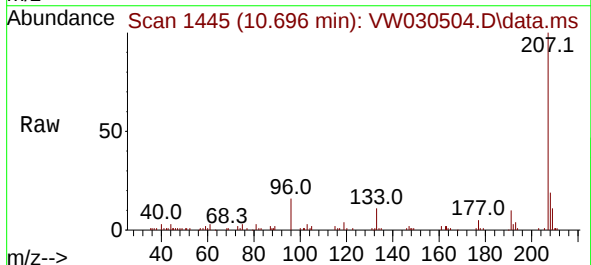
Acq: 10 Oct 2024 12:41

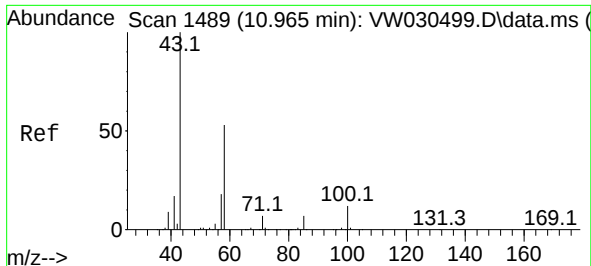
Tgt Ion: 75 Resp: 666

Ion Ratio Lower Upper

75 100

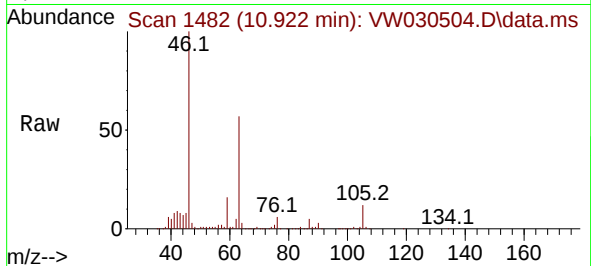
77 25.2 21.6 40.2



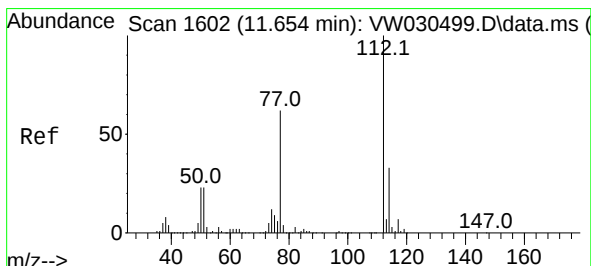
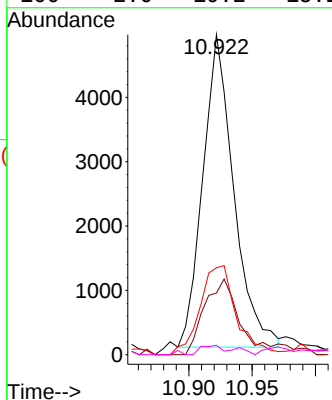
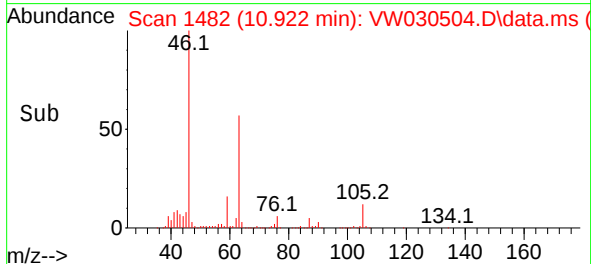


#48
2-Hexanone
Concen: 37.253 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW030504.D
Acq: 10 Oct 2024 12:41

Instrument :
MSVOA_W
ClientSampleId :

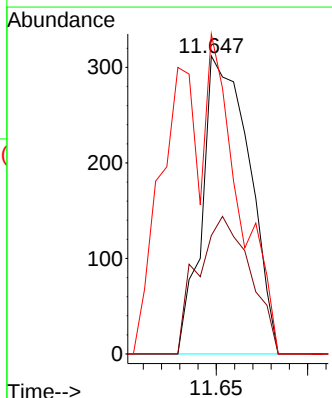
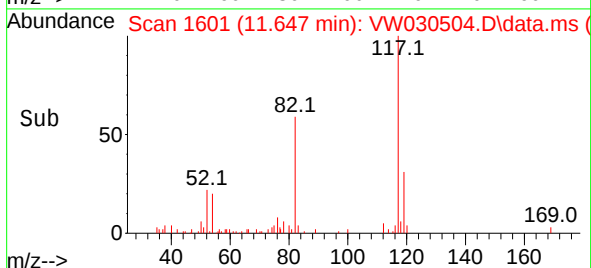
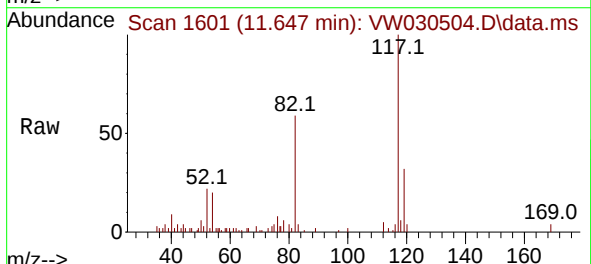


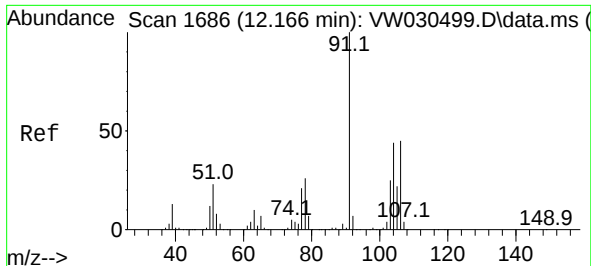
Tgt Ion: 43 Resp: 8269
Ion Ratio Lower Upper
43 100
58 25.5 44.6 67.0#
57 33.2 15.8 23.8#
100 2.0 10.2 15.2#



#51
Chlorobenzene
Concen: 0.359 ug/L
RT: 11.647 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VW030504.D
Acq: 10 Oct 2024 12:41

Tgt Ion: 112 Resp: 558
Ion Ratio Lower Upper
112 100
114 39.7 22.4 41.6
77 107.4 47.1 70.7#





#54

o-Xylene

Concen: 0.334 ug/L

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

Instrument :

MSVOA_W

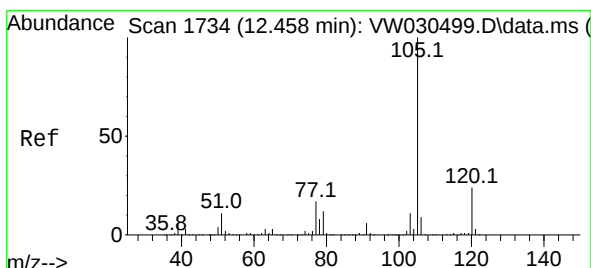
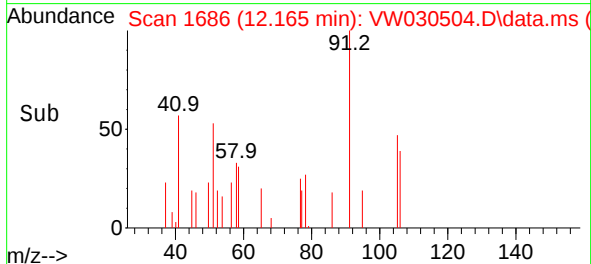
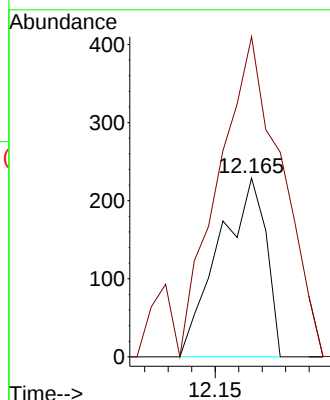
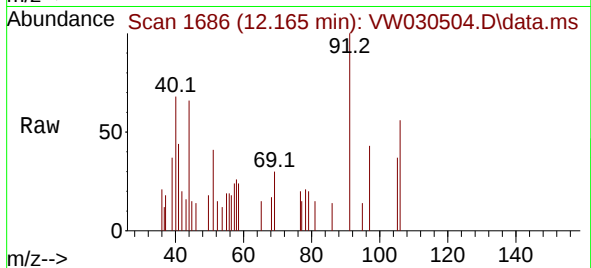
ClientSampleId :

Tgt Ion:106 Resp: 319

Ion Ratio Lower Upper

106 100

91 179.0 144.5 268.4



#60

Isopropylbenzene

Concen: 0.322 ug/L

RT: 12.470 min Scan# 1736

Delta R.T. 0.012 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

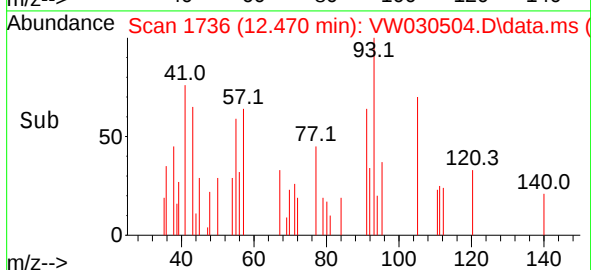
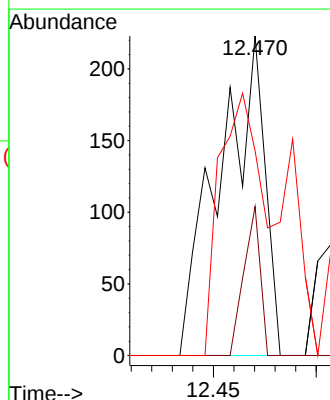
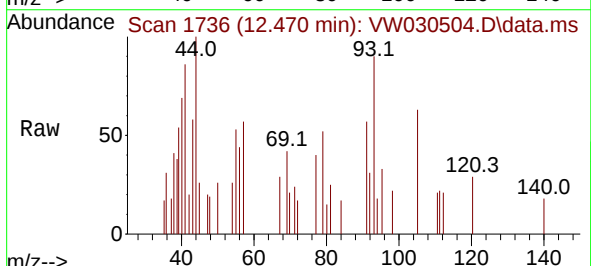
Tgt Ion:105 Resp: 343

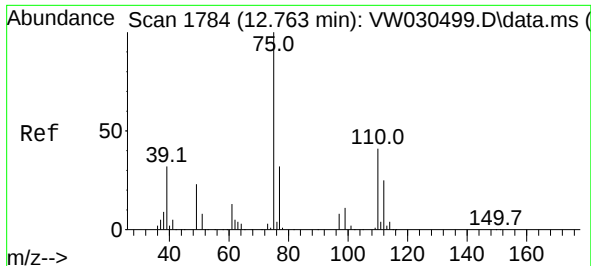
Ion Ratio Lower Upper

105 100

120 16.9 20.6 31.0#

77 75.2 13.4 20.0#





#61

1,2,3-Trichloropropane

Concen: 0.970 ug/L

RT: 12.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

Instrument :

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ClientSampleId :

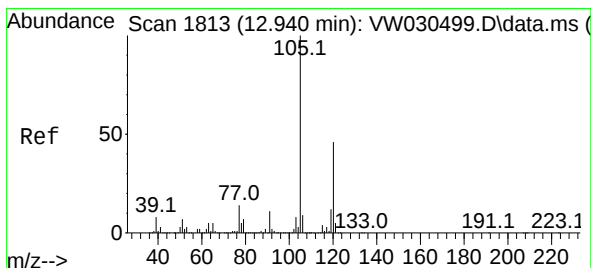
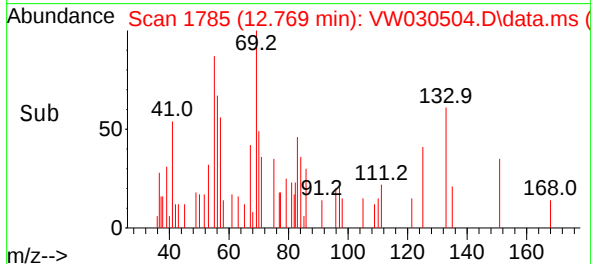
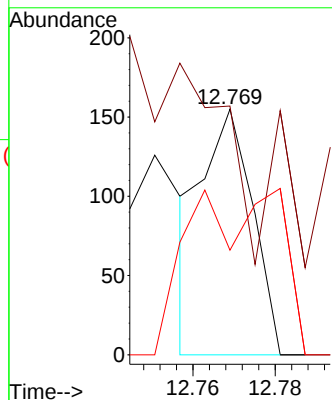
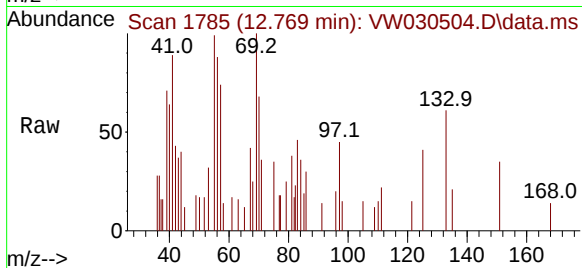
Tgt Ion: 75 Resp: 130

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

110 67.7 32.3 48.5#



#62

1,3,5-Trimethylbenzene

Concen: 0.880 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.304 min

Lab File: VW030504.D

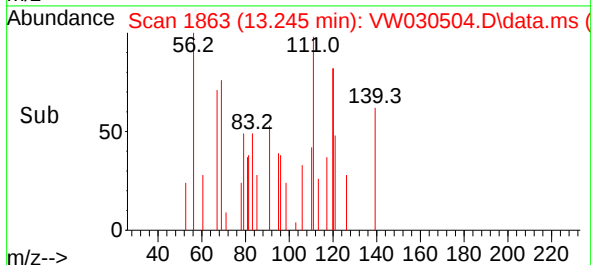
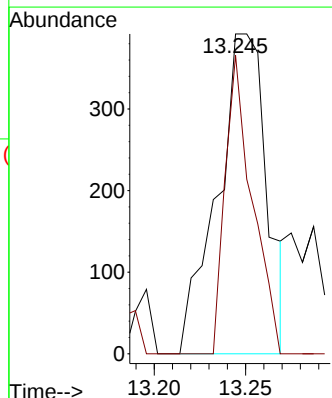
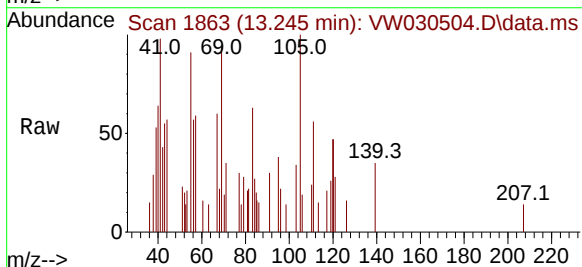
Acq: 10 Oct 2024 12:41

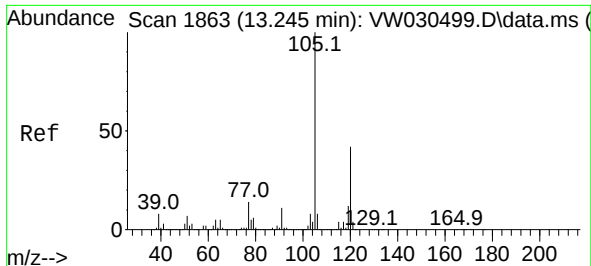
Tgt Ion:105 Resp: 741

Ion Ratio Lower Upper

105 100

120 51.1 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 0.899 ug/L

RT: 13.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

Instrument :

MSVOA_W

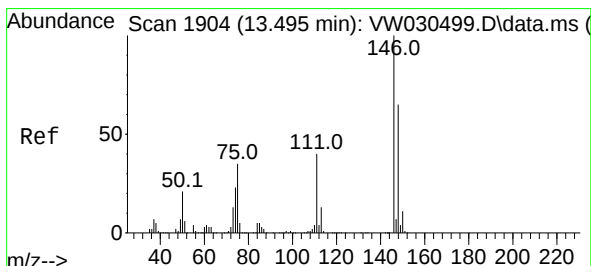
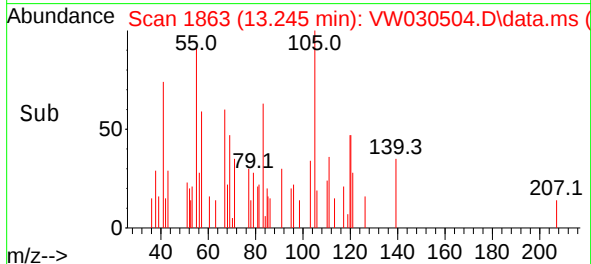
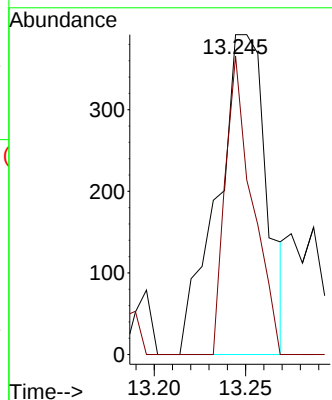
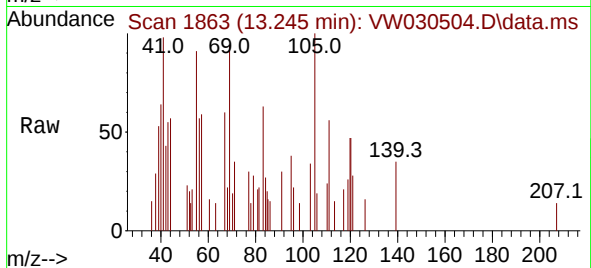
ClientSampleId :

Tgt Ion:105 Resp: 741

Ion Ratio Lower Upper

105 100

120 51.1 35.8 53.6



#64

1,3-Dichlorobenzene

Concen: 1.169 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

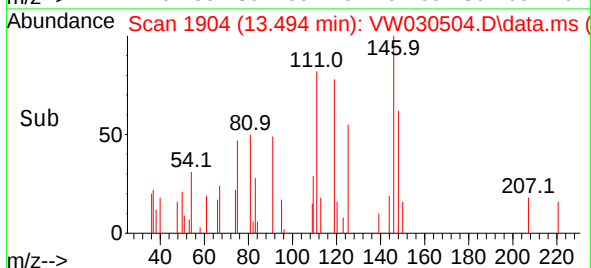
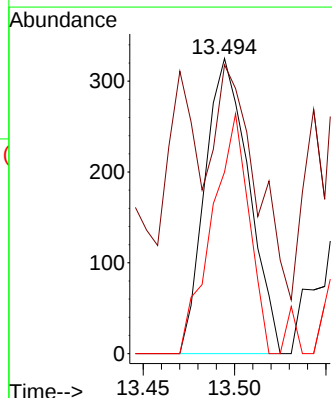
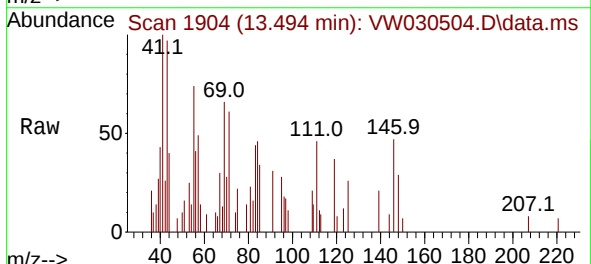
Tgt Ion:146 Resp: 543

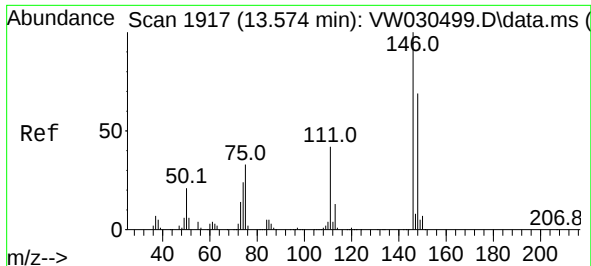
Ion Ratio Lower Upper

146 100

111 97.8 31.2 58.0#

148 61.5 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 2.576 ug/L

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW030504.D

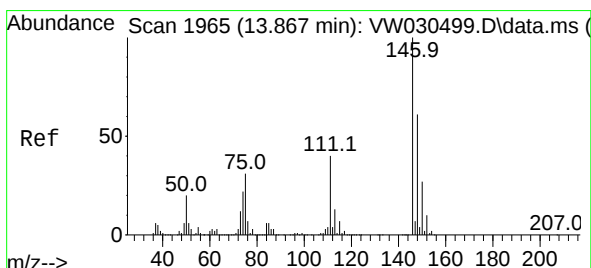
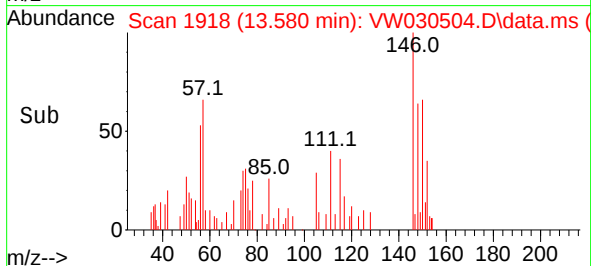
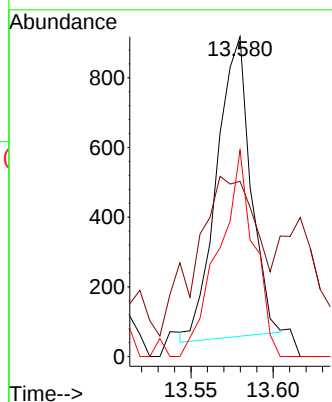
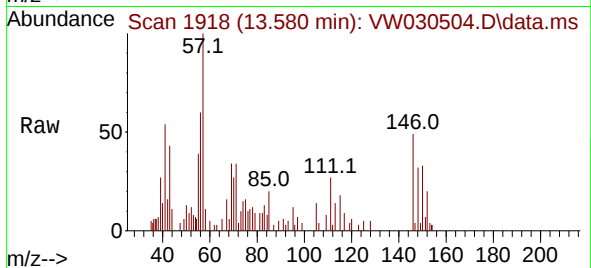
Acq: 10 Oct 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	1235
Ion Ratio	Lower	Upper
146	100	
111	54.8	26.8 49.8#
148	64.5	41.0 76.2



#67

1,2-Dichlorobenzene

Concen: 0.991 ug/L

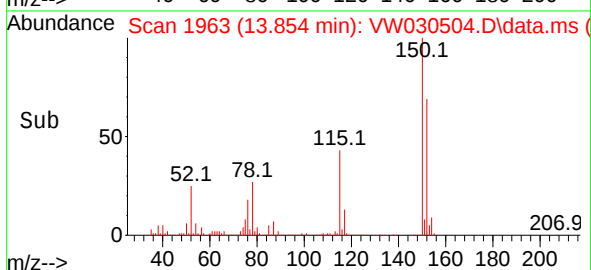
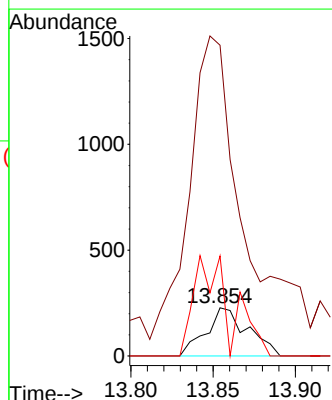
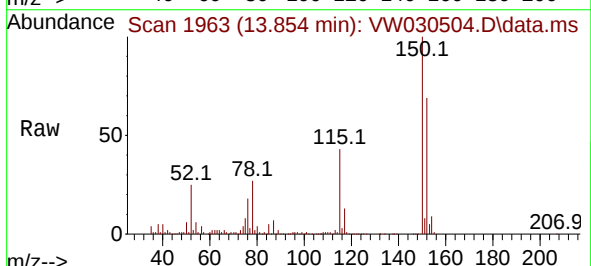
RT: 13.854 min Scan# 1963

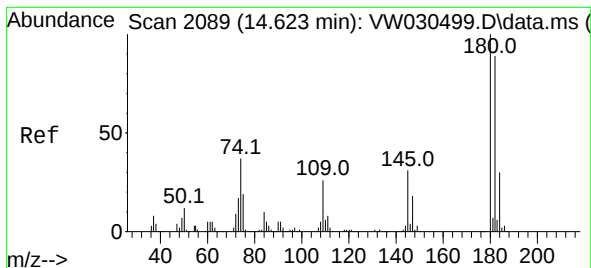
Delta R.T. -0.013 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

Tgt Ion:146	Resp:	405
Ion Ratio	Lower	Upper
146	100	
111	643.9	34.6 52.0#
148	207.5	53.3 79.9#





#69

1,3,5-Trichlorobenzene

Concen: 0.418 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

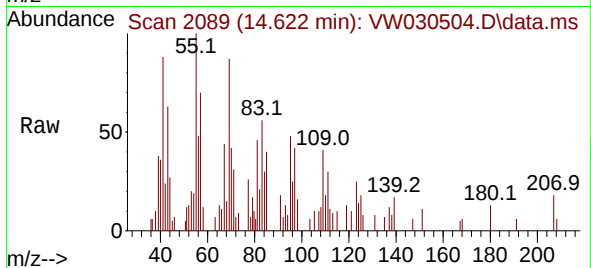
Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 128

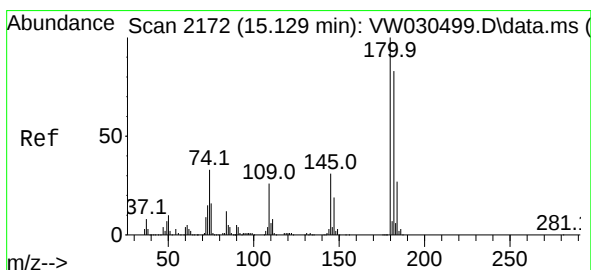
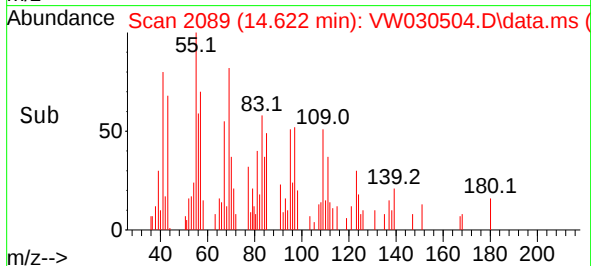
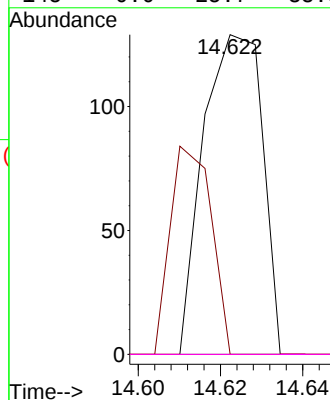
Ion Ratio Lower Upper

180 100

182 45.3 79.9 119.9#

184 0.0 25.2 37.8#

145 0.0 25.7 38.5#



#70

1,2,4-trichlorobenzene

Concen: 2.917 ug/L

RT: 15.134 min Scan# 2173

Delta R.T. 0.006 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

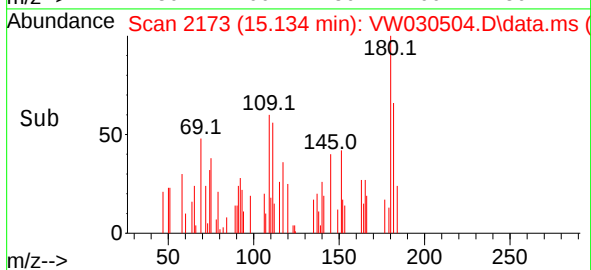
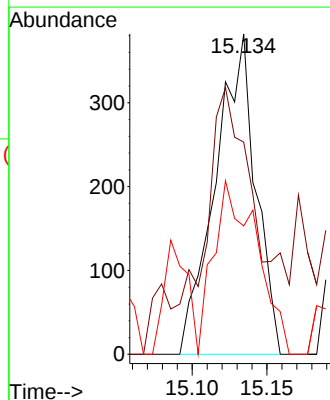
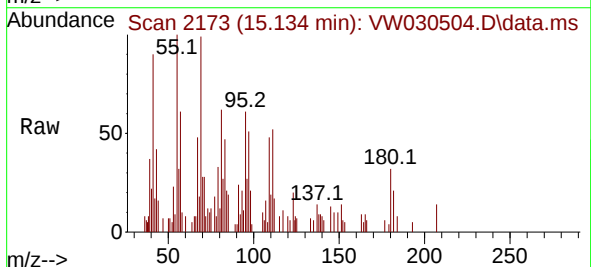
Tgt Ion:180 Resp: 719

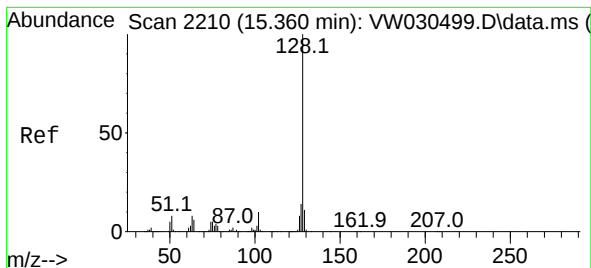
Ion Ratio Lower Upper

180 100

182 91.1 75.2 112.8

145 38.1 25.4 38.2





#71

Naphthalene

Concen: 8.178 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030504.D

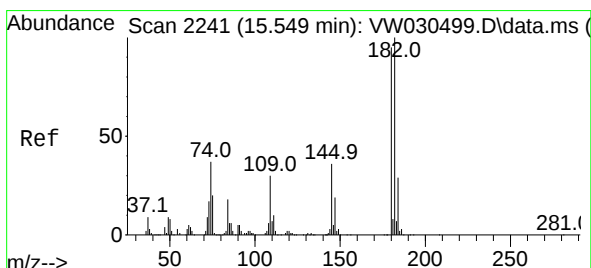
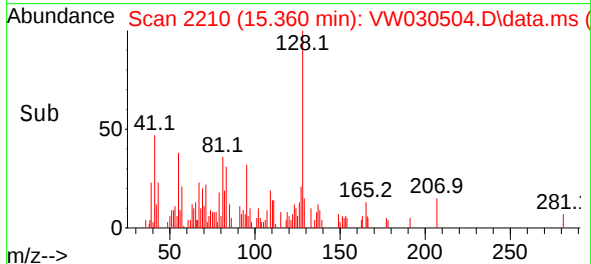
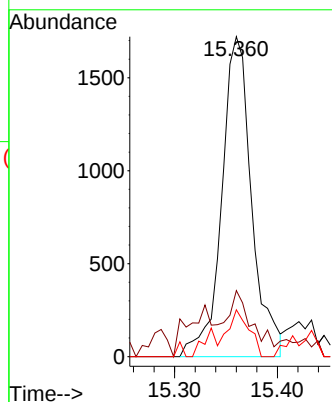
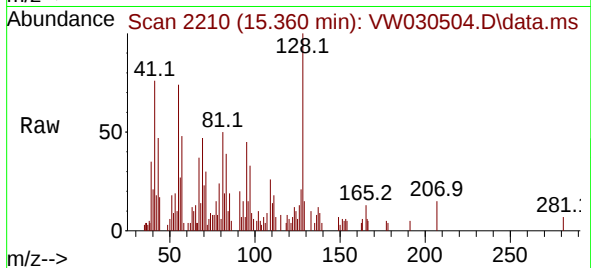
Acq: 10 Oct 2024 12:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	3483
Ion Ratio	Lower	Upper	
128	100		
127	17.5	10.9	16.3#
129	10.3	8.8	13.2



#72

1,2,3-Trichlorobenzene

Concen: 0.819 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030504.D

Acq: 10 Oct 2024 12:41

Tgt Ion:	180	Resp:	175
Ion Ratio	Lower	Upper	
180	100		
182	0.0	76.2	114.4#
145	91.4	27.4	41.2#

